

TENNESSEE GENERAL ASSEMBLY
FISCAL REVIEW COMMITTEE



FISCAL NOTE

SB 1885 - HB 1934

February 4, 2018

SUMMARY OF BILL: Requires aerial applicators of pesticides to report to the Department of Agriculture (DOA), no later than the day of application, the name of the landowner, the location of each intended pesticide application, and the name(s) of the pesticide(s) to be sprayed.

Requires the DOA to implement an online reporting system for aerial applicators of pesticides to make the required reports.

ESTIMATED FISCAL IMPACT:

Increase State Revenue –

\$29,100/One-Time/Strategic Technology Solutions

\$15,900/Recurring/Strategic Technology Solutions

Increase State Expenditures –

\$29,100/One-Time/Department of Agriculture - CIS Fund

\$15,900/Recurring/Department of Agriculture - CIS Fund

Assumptions:

- Tennessee Code Annotated § 43-8-312 requires aerial applicators of pesticides to notify, no later than the day of application, the sheriff's office in the county in which an application is to be made, the name of the landowner, the location of each intended pesticide application, and the name(s) of the pesticide(s) to be sprayed.
- The proposed legislation requires aerial applicators to report to the DOA rather than the local sheriff.
- The proposed legislation also requires the DOA to implement an online reporting system for aerial applicators to make such reports.
- The DOA solicited a quote from the Department of Finance & Administration, Strategic Technology Solutions (STS), for the cost of developing and implementing the online reporting system. STS will develop and maintain the system utilizing existing STS resources. STS will subsequently bill the DOA for their services.
- The system would require 306.25 hours of development (25 hours database administration + 37.5 hours application development + 25 hours geographic information system development + 93.75 hours project management + 125 hours business analysis) at a rate of \$95 per hour.

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- The one-time increase in state expenditures from the DOA's CIS Fund is estimated to be \$29,094 (306.25 hours x \$95 per hour = \$29,093.75).
- The one-time increase in state revenue to STS is estimated to be \$29,094.
- The system will require 86.5 hours of annual maintenance (12.5 hours database administration + 31 hours application development + 12 hours geographic information system development + 31 hours business analysis) at a rate of \$95 per hour. Further, the system will require infrastructure/server maintenance at \$600 per month and Secured Socket Layer (SSL) Certificate costs at \$41.67 per month.
- The recurring increase in state expenditures from the DOA's CIS Fund is estimated to be \$15,918 {(86.5 hours x \$95 per hour) + [(\$600 + \$41.67) x 12] = \$15,917.54}.
- The recurring increase in state revenue to STS is estimated to be \$15,918.

CERTIFICATION:

The information contained herein is true and correct to the best of my knowledge.



Krista M. Lee, Executive Director

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